

CLAIMS

What is claimed is:

- 1 1. A method comprising:
2 in a human subject having symptoms consistent with multiple
3 sclerosis, administering a regimen of doses of human growth
4 hormone of less than 0.5 mg. per day.
- 1 2. The method of claim 1, wherein administering the regimen of
2 human growth hormone comprises subcutaneous injections of doses
3 of human growth hormone.
- 1 3. The method of claim 2, wherein the regimen for injections
2 comprises twice daily.
- 1 4. The method of claim 1, further comprising prior to
2 administering a regimen of human growth hormone measuring the
3 level of human growth hormone in a human subject's blood to
4 determine that the level of human growth hormone is below a
5 predetermined physiological level for an adult human.
- 1 5. The method of claim 4, further comprising measuring a level
2 of supplemental hormones selected from the group consisting of
3 sex hormone, melatonin hormone, adrenal hormone, thyroid hormone
4 and thymus hormone to determine that at least one of the
5 hormones is below a predetermined level for an adult human; and

6 replenishing the level of the at least one supplemental
7 hormone to a predetermined physiological level.

1 6. A method comprising:

2 measuring a sample of a human subject's blood, the human
3 subject having symptoms consistent with multiple sclerosis, to
4 determine that the level of human growth hormone is below a
5 predetermined physiological level for an adult human; and
6 replenishing the level of human growth hormone to the
7 predetermined physiological level.

1 7. The method of claim 6, wherein replenishing the level of
2 human growth hormone comprises subcutaneous injections of doses
3 of human growth hormone.

1 8. The method of claim 7, wherein a replenishment regimen
2 comprises injections twice daily.

1 9. The method of claim 6, further comprising measuring a level
2 of supplemental hormones in the human subject's blood, the
3 supplemental hormones selected from the group consisting of sex
4 hormone, melatonin hormone, adrenal hormone, thyroid hormone and
5 thymus hormone to determine that at least one of the hormones is
6 below a predetermined level for an adult human; and
7 replenishing the level of the at least one supplemental
8 hormone to a predetermined physiological level.

1 10. A kit for treating symptoms associated with multiple
2 sclerosis comprising human growth hormone and at least one of
3 the supplemental hormones selected from the group consisting of
4 sex hormone, melatonin hormone, adrenal hormone, thyroid
5 hormone, and thymus hormone, the kit for establishing a regimen
6 for the replenishment of the human growth hormone and the at
7 least one of the supplemental hormones to predetermined
8 physiological levels.

1 11. The kit of claim 10, wherein the amount of human growth
2 hormone is provided in intravenous unit form in doses of less
3 than 0.5 mg per day.

1 12. The kit of claim 11, wherein the amount of human growth
2 hormone is administered twice daily.

1 13. The kit of claim 10, wherein the sex hormone comprises at
2 least one of testosterone, progesterone, and estrogen.